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**DECLARATION
IN ORIGINAL APPLICATION**

Attorney Docket No.

S104.12-0039/STL
11310

SPECIFICATION AND INVENTORSHIP IDENTIFICATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed, and for which a patent is sought, on the invention entitled REFRESHING DATA IN A DATA STORAGE DEVICE the specification of which,

x is entitled REFRESHING DATA IN A DATA STORAGE DEVICE, having an attorney docket number S104.12-0039/STL 11310.

 was filed on _____ as Appln. No. _____.

 and was amended on _____.

 was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is known to me to be material to the patentability of this application in accordance with 37 C.F.R. § 1.56.

PRIORITY CLAIM (35 U.S.C. § 119)

Prior Foreign Application(s)

I claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below, each of which is incorporated by reference in its entirety, and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Day/Month/Year Filed	Priority Claimed
_____	_____	_____	Yes _____ No _____
_____	_____	_____	Yes _____ No _____

Prior Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States Provisional Application(s) listed below, each of which is incorporated by reference in its entirety:

Number	Day/Month/Year Filed
_____	_____

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PRIORITY CLAIM (35 U.S.C. § 120)

I claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, each of which is incorporated by reference in its entirety. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Appln. No.	U.S. Appln. No. (if any under PCT)	Filing Date	Status
_____	_____	_____	_____

DECLARATION

I declare that all statements made herein that are of my own knowledge are true and that all statements that are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DESIGNATION OF CORRESPONDENCE ADDRESS

Please address all correspondence and telephone calls to Robert M. Angus in care of:

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Inventor: *Chin Hock* Date: 20 Jun 2003
(Signature) _____

Inventor: KokHoe Chia Date: _____
(Printed Name) _____

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Inventor: *Teck Teck* Date: 20-6-2003
(Signature) _____

Inventor: Teck Khoon Lim Date: _____
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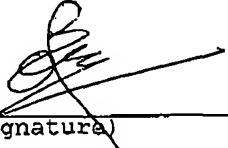
-17-

Inventor: 
(Signature) Date: 20 Jun 2003

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(Printed Name)

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Inventor: 
(Signature) Date: 20 Jun 2003

Inventor: BengWee Quak
(Printed Name)

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	KokHoe Chia et al.	
Serial No.:	Filed Herewith	Examiner:
Filed:	Filed Herewith	Group Art Unit:
Title:	REFRESHING DATA IN A DATA STORAGE DEVICE	
Docket:	S104.12-0039/STL 11310.00	

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified application,
 REVOCATION OF PRIOR POWERS OF ATTORNEY
 all powers of attorney previously given are hereby revoked and
 NEW POWER OF ATTORNEY
 the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Shawn B. Dempster, Registration No. 34,321	Raghunath S. Minisandram, Registration No. 38,683
Derek J. Berger, Registration No. 45,401	Mitchell K. McCarthy, Registration No. 38,794
Kirk A. Cesari, Registration No. 47,479	Carol I. Bordas, Registration No. 37,284
Paul T. Dietz, Registration No. 38,858	Jennifer M. Buenzow, Registration No. 50,124
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Jesus Del Castillo, Registration No. 51,604	Brendan J. Hanley, Registration No. 52,429

And members of the firm of Westman, Champlin & Kelly, P.A.:

Judson K. Champlin, Reg. No. 34,797; Joseph R. Kelly, Reg. No. 34,847; Nickolas E. Westman, Reg. No. 20,147; Steven M. Kochler, Reg. No. 36,188; David D. Brush, Reg. No. 34,557; John D. Veldhuis-Kroeze, Reg. No. 38,354; Deirdre Megley Kvale, Reg. No. 35,612; Theodore M. Magee, Reg. No. 39,758; Christopher R. Christenson, Reg. No. 42,413; Brian D. Kaul, Reg. No. 41,885; Robert M. Angus, Reg. No. 24,383; Christopher L. Holt, Reg. No. 45,844; Alan G. Rego, Reg. No. 45,956; David C. Bohn, Reg. No. 32, 015; Todd R. Fronck, Reg. No. 48,516; Linda P. Ji, Reg. No. 49,027; Nathan M. Rau, Reg. No. 45,466; and Leanne R. Taveggia, Reg. No. 53,675.

CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION

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STATEMENT UNDER 37 CFR 3.73(b)

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel _____, Frame _____.
 The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC
 (Assignee of Entire Interest)

6-24-2003

Date



Kirk A. Cesari, Registration No. 47,479
 Patent Agent

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